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Subject:
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies Monthly Progress Report
Area 1 – Morrow Dam to Plainwell Dam (October 2009)

SEDIMENTS

Dear Jim:

Date:
November 13, 2009

Attached is the 32nd monthly progress report for the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site Supplemental Remedial Investigation/Feasibility Study (SRI/FS) – Area 1. This progress report is submitted as per Paragraph 37 of the February 2007 Administrative Settlement Agreement and Order on Consent (AOC) for Remedial Investigations/Feasibility Studies (Docket No. V-W-07-C-864), as well as Section 7.1 of the associated Statement of Work (SOW). If you have any questions, please do not hesitate to contact me.

Contact:
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Sincerely,

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Michael J. Erickson, P.E.
Vice President

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B0064539.0000.00014
#2

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**MONTHLY PROGRESS REPORT FOR THE ALLIED PAPER, INC./PORTAGE CREEK/
KALAMAZOO RIVER SUPERFUND SITE SRI/FS
AREA 1 (MORROW DAM TO PLAINWELL DAM)**

REPORT #32, OCTOBER 2009

**PREPARED BY ARCADIS
NOVEMBER 13, 2009**

ON BEHALF OF THE KALAMAZOO RIVER STUDY GROUP

SUBMITTED TO

**JAMES SARIC, REMEDIAL PROJECT MANAGER
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**Monthly Progress Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site SRI/FS – Area 1**

REPORT #32, OCTOBER 2009

Significant Developments and Activities during the Period, Including Actions Undertaken Pursuant to the AOC and SOW

- On October 1, ARCADIS forwarded to the United States Environmental Protection Agency (USEPA) slides for the off-channel areas sampling approach discussion. ARCADIS and USEPA participated in a conference call that day to discuss the topic.
- On October 5, ARCADIS met with USEPA, the United States Fish and Wildlife Service, the Michigan Department of Natural Resources, and the Michigan Department of Environmental Quality (MDEQ) in Detroit to discuss the ecological portions of the Area 1 Risk Assessment Work Plan.
- On October 8, ARCADIS submitted to USEPA a sampling plan to collect sediment core samples related to the *Hot Spot Assessment Sampling Plan*.
- On October 8, ARCADIS submitted to USEPA a sampling plan to collect sediment core samples in selected off-channel areas.
- On October 8, ARCADIS submitted to USEPA the monitoring results of the former Plainwell Impoundment Time-Critical Removal Action (TCRA) July 2009 post-removal bathymetry as well as the mid-channel prism volume remaining. This work is discussed in Section 3.4.5 of the Area 1 SRI/FS Work Plan.
- On October 14, USEPA forwarded to ARCADIS conditional approval letters for the off-channel areas sampling plan and the hot spot core collection sampling plan that were submitted on October 8.
- On October 15, ARCADIS submitted to USEPA the Crown Vantage area supplemental sediment sampling plan.
- On October 16, ARCADIS submitted to USEPA the revised river hot spot assessment sediment core collection locations. The revisions were based on the October 14 conditional approval letter from USEPA.
- On October 16, ARCADIS submitted to USEPA a revised river off-channel areas sampling plan. The revisions were based on the October 14 conditional approval letter from USEPA.
- On October 23, USEPA forwarded to ARCADIS CH2M HILL's October 16 comments on the Crown Vantage supplemental sediment sampling plan.
- On October 29, USEPA forwarded to ARCADIS comments on the *Multi-Area FS Tech Memo – Evaluation of Candidate Technologies and Testing Needs* (described in Section 4.1 of the SOW).

**Monthly Progress Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site SRI/FS – Area 1**

REPORT #32, OCTOBER 2009

- KRSG awaits USEPA's comments on the Multi-Area FS document described in Section 1.2.2 of the SOW - *Preliminary Remedial Technology Screening* [Section 1.2.2.1], which was submitted to USEPA on February 22, 2008.
- KRSG awaits USEPA concurrence with ARCADIS' August 17 letter regarding specific phased sampling tasks.

Data Collected and Field Activities Conducted during the Period

- On October 12 through 22, ARCADIS collected fish samples across the Site (Table A). Currently, the fish samples are being held in frozen storage at the ARCADIS field office in Kalamazoo, MI in preparation for field processing (filleting), which is expected to occur in January 2010, and subsequent PCB analysis.
- On October 27 and 28, ARCADIS collected surface sediment samples in Lake Allegan (Area 6) (Table B). The samples were sent to TestAmerica Laboratories, Inc. (TestAmerica) for PCB, total organic carbon, and grain size analysis.
- On October 29, ARCADIS began collecting sediment samples for the hot spot assessment (Table C). The samples were processed on October 30 and sent to TestAmerica for PCB analysis (Table D).
- ARCADIS awaits the results of the split samples collected by CDM during the groundwater/surface water sampling conducted in the Plainwell TCRA area in March and September.

Laboratory Data Received during the Period

- On October 19, ARCADIS received from TestAmerica a portion of the PCB results for the four outer focused step-out sediment cores from the FF-35 area (sample delivery group [SDG] KAL480) (Table E). These cores were collected in July 2009 and forwarded to the lab for analysis in September 2009. The focused step-out sampling is discussed in Section 3.4.4 of the Area 1 SRI/FS Work Plan.
- On October 19, ARCADIS received from TestAmerica the PCB results from the 15 groundwater and two surface water samples collected in the Plainwell TCRA area in September (SDG KAL481) (Table F). This sampling is discussed in Section 3.4.6 of the Area 1 SRI/FS Work Plan.
- On October 1, 14, and 26, ARCADIS received from TestAmerica the PCB results for the sediment samples collected from Lake Allegan in May and analyzed by the laboratory in August (SDGs KAL475, KAL477, and KAL476) (Table G).

**Monthly Progress Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site SRI/FS – Area 1**

REPORT #32, OCTOBER 2009

- ARCADIS awaits the analytical data for the remainder of the focused step-out sediment cores from the FF-35 area from TestAmerica (Table E).
- ARCADIS awaits radionuclide results from Mass Spec Services for selected sediment samples collected from Lake Allegan. These frozen Lake Allegan sediment samples were collected in May 2009 and submitted for analysis in September. The samples are the remaining deep samples from core ALG-10 and samples from a core at location SPI-40 (Table H).
- Validated data for the SDGs received in August are included in this monthly report. These data include the results for SDGs Pb0180 and Pb0181 for the radionuclide analyses on sediment samples collected from Lake Allegan (Table I); the results for the remainder of the PCB results for the Crown Vantage sediment samples collected in July (SDGs KAL464, KAL465, and KAL467) (Table J); the PCB analytical results for the focused step-out sediment samples collected in July (SDGs KAL467 and KAL468) (Table K); and the PCB results for the sediment samples collected from Lake Allegan in May and released in July (SDGs KAL469, KAL470, and KAL471) (Table L). In accordance with Section 2.1 of the SOW, paper and electronic copies of these laboratory data are included as part of the monthly progress reports. Attachment A contains the validation reports for these data packages. The enclosed CD also contains the electronic data deliverable for these data.

Problems

- None.

Actions Taken to Correct Problems

- None.

Developments Anticipated during the Next Two Reporting Periods

- Validated data for the SDGs received in September will be included in the November monthly report. These data include the results for SDG KAL474 for the PCB analyses performed by TestAmerica on sediment samples collected from Lake Allegan.
- In November, ARCADIS is scheduled to submit a revised Crown Vantage supplemental sampling plan to USEPA for review.
- In November, ARCADIS is scheduled to collect the remainder of the sediment samples for the hot spot assessment and sediment samples in the off-channel areas.

**Monthly Progress Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site SRI/FS – Area 1**

REPORT #32, OCTOBER 2009

- In November, ARCADIS will release to TestAmerica for PCB analysis additional select sediment samples from Lake Allegan cores collected in May. This is pending the receipt and review of the radionuclide data from Mass Spec Services for these samples.
- In December, ARCADIS is scheduled to collect the supplemental sediment samples at Crown Vantage.
- During the first week in December, USEPA is scheduled to host a public meeting.
- By December 14, ARCADIS is scheduled to submit a revised *Multi-Area FS Tech Memo – Evaluation of Candidate Technologies and Testing Needs* to USEPA for review.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table A - Fish Samples Collected Site-Wide in October 2009

Sample Type	Individual Adult Fillet ^{1,2}				
	Top Predator	Bottom-feeder	Panfish	Panfish	Bottom-feeder
	Adult Resident, 12-20" length	Adult Resident, 18-24" length	Adult Resident, 9"+ length	Adult Resident, 9"+ length	Adult Resident, 12"+ length
Target Species/Scientific Name	Smallmouth Bass <i>(Micropterus dolomieu)</i>	Common Carp <i>(Cyprinus carpio)</i>	Sunfish <i>(Lepomis spp.)</i>	Panfish <i>(Ambloplites rupestris)</i>	Catfish <i>(Ictalurus punctatus</i> or <i>Ameiurus spp.</i>)
Kalamazoo River Sample Locations					
ABSA 2 Upstream of Morrow Dam (Morrow Lake)	11	11	--	--	--
ABSA 4 Near D Avenue	11	11	11 ³	11 ⁵	11 ⁶
ABSA 6 Upstream of Otsego City Dam	11	11	11 ⁴	11 ⁵	11 ⁶
ABSA 7 Upstream of Otsego Dam	11	11	--	--	--
ABSA 8 Upstream of Trowbridge Dam	11	11	11 ⁴	11 ⁵	11 ⁶
-- Upstream of Allegan City Dam	11	11	--	--	--
ABSA 9 Upstream of Allegan Dam (Lake Allegan)	11	11	11 ³	11 ⁵	11 ⁷
Total Number of Fish	77	77	44	44	44

Notes:

¹ Adult target species were smallmouth bass, common carp, bluegill (sunfish), yellow perch (panfish) and channel catfish. Due to the absence or very low abundance of certain target species at some locations, substitute species were collected instead. These included pumpkinseed for bluegill, rock bass for yellow perch, and bullhead for channel catfish. Samples are in frozen storage.

² Collection size of adult fish generally followed Michigan DNR's fishing regulations and GLEAS Procedure #31, but smaller, edible-size fish were taken as needed if preferred sizes were unavailable for collection.

³ Pumpkinseed

⁴ Bluegill

⁵ Rock bass

⁶ Bullhead

⁷ Channel catfish

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table B - Lake Allegan (Area 6) - Surface Sediment Samples Collected in October 2009

Date Collected	Location	Water Depth (ft)	Probe (ft)	Sample ID	Description
10/27/2009	SPI-1	16.6	3.9	K56399	Dark Brown Loose Silt
	SPI-2	10.9	2.6	K56400	Dark Brown Loose Silt
	SPI-3	14.1	3.4	K56401	Dark Brown Loose Silt
	SPI-4	13.2	1.2	K56402	Dark Brown Loose Silt
	SPI-5	13.7	2.4	K56403	Dark Brown Loose Silt
	SPI-6	13.4	1.7	K56404	Dark Brown Loose Silt
	SPI-7	13.1	3.8	K56405	Dark Brown Loose Silt
	SPI-8	12.1	2.5	K56406	Dark Brown Loose Silt
	SPI-9	13.0	2.3	K56407	Dark Brown Loose Silt
	SPI-10	13.0	3.2	K56408	Dark Brown Loose Silt
	SPI-11	12.7	1.3	K56409	Dark Brown Loose Silt
	SPI-12	12.0	2.0	K56410	Dark Brown Loose Silt
	SPI-13	15.4	3.4	K56411 [K56412]	Dark Brown Loose Silt
	SPI-14	11.6	0.5	K56413	Dark Brown Loose Silt/Sand
	SPI-15	13.0	1.2	K56414	Dark Brown Loose Silt
	SPI-16	10.9	1.3	K56415	Dark Brown Loose Silt
	SPI-17	10.6	0.8	K56416	Dark Brown Loose Silt
	SPI-18	10.8	3.2	K56417	Dark Brown Loose Silt
	SPI-19	11.0	1.1	K56418	Dark Brown Loose Silt
	SPI-20	8.2	3.1	K56419	Dark Brown Loose Silt
10/28/2009	SPI-21	9.0	0.7	K56420	Dark Brown Loose Silt
	SPI-22	9.1	4.1	K56421	Dark Brown Loose Silt
	SPI-23	5.4	2.9	K56422	Dark Brown Loose Silt
	SPI-24	6.1	3.9	K56423	Dark Brown Loose Silt
	SPI-25	6.8	5.0	K56424	Dark Brown Loose Silt
	SPI-26	5.6	0.6	K56425	Dark Brown Loose Silt
	SPI-27	6.3	6.1	K56426	Dark Brown Loose Silt
	SPI-28	4.0	3.9	K56427	Dark Brown Loose Silt, Trace Organics (Wood)
	SPI-29	4.0	2.6	K56428	Dark Brown Loose Silt
	SPI-30	4.7	2.9	K56429	Dark Brown Loose Silt, Some Fine Sand, Trace Organics
	SPI-31	10.8	2.2	K56430	Dark Brown Sand, Trace Silt, Trace Organics (Shells)
	SPI-32	6.5	0.2	K56431	Dark Gray Brown Clay, Little Fine Sand, Trace Organics (Leaf Litter)
	SPI-33	2.0	1.6	K56432 [K56433]	Dark Brown Loose Silt
	SPI-34	5.3	1.3	K56434	Dark Brown Fine Sand, Trace Silt, Trace Organics (Shells)
	SPI-35	8.2	0.8	K56435 ¹	Dark Brown Silt, Little Clay, Trace Fine Sand
	SPI-36	3.9	0.1	K56436	Dark Brown Silty Fine Sand, Trace Organics (Shells)
	SPI-37	3.9	1.0	K56437	Gray Brown Fine to Medium Sand, Trace Organics (Shells)
	SPI-38	10.4	1.1	K56438	Dark Gray Brown Fine Sand, Little Silt, Trace Organics (Wood)
	SPI-39	3.0	2.7	K56439	Dark Brown Loose Silt
	SPI-40	2.6	2.6	K56440	Dark Brown Loose Silt

Notes:

All samples collected using 3" Lexan, and sent to TestAmerica Laboratories for PCB, TOC, and grain size analysis.

¹MS/MSD performed on this sample.

Duplicate samples are in brackets.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table C - Hot Spot Assessment - Sediment Cores Collected in October 2009

Location	Water Depth (ft)	Penetration (ft)	Recovery (ft)	Probe (ft)	Probing Descriptions	Interval (in)	Description
KRT4-A ¹	3.4	4.0	3.4	6.5	Silt Over Sands/Hard Bottom	0 - 5	Gray Fine to Medium Sand (Through Lexan)
						5 - 41	Dark Gray Clayey Silt/Silty Clay (Through Lexan)
KRT4-G ¹	3.5	4.5	4.1	6.0	Sands Over Hard Bottom	0 - 32.5	Gray Brown Fine to Medium Sand, Trace Coarse Sand (Through Lexan)
						32.5 - 49	Dark Gray Silt (Through Lexan)
KRT4-C	4.2	4.0	3.8	6.0	Silts Over Sands	0 - 18	Dark Gray Brown Fine Sand, Trace Silt, Trace Organics (Vegetation) *Odor noticed upon opening core
						18 - 24	Dark Gray Brown Clayey Silt, Trace Organics (Vegetation)
						24 - 28	Dark Gray Brown Interbedded Fine Sand and Silt
						28 - 32	Dark Gray Brown Fine to Medium Sand
						32 - 36	Dark Gray Brown Interbedded Fine Sand and Silt
						36 - 46	Dark Gray Brown Interbedded Silt, Fine to Medium Sands, Trace Coarse Sand, Trace Organics (Shells)
KRT4-E	3.9	4.4	3.8	6.5	Silts Over Sands	0 - 4	Dark Gray Brown Fine Sand, Little Organics (Vegetation/Leaves), Trace Silt
						4 - 41	Dark Gray Brown Clayey Silt, Trace Organics (Vegetation/Twigs), Soft, Odor
						41 - 46	Gray Brown Fine to Medium Sand, Trace Coarse Sand, Trace Shells
KRT4-F	7.2	3.0	2.5	4.0	Sand Over Hard Bottom	0 - 7	Light Brown Fine to Medium Sand
						7 - 13	Light Brown Fine to Coarse Sand, Trace Fine Gravel, Trace Dark Gray Silt, Trace Plastic
						13 - 17	Dark Gray Brown Fine to Coarse Sand, Trace Brick
						17 - 18	Light Gray Brown Clayey Silt
						18 - 27	Dark Gray Fine Sand, Trace Medium to Coarse Sand, Trace Shells
						27 - 30	Gray Brown Clayey Silt, Trace Organics (Vegetation), Odor
KRT4-D	8.5	2.5	1.8	2.5	Sand Over Hard Bottom	0 - 5	Brown Fine to Medium Sand, Trace Coarse Sand, Trace Shells
						5 - 15	Light Gray Brown Fine to Coarse Sand, Trace Fine Gravel, Trace Blue Slag
						15 - 21	Dark Gray Fine to Medium Sand, Trace Coarse Sand, Trace Silt, Trace Brick

Notes:

All cores collected on October 29, 2009 using 3" Lexan.

¹Placed in frozen storage at the Kalamazoo field office.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table D - Hot Spot Assessment - Sediment Samples Sent for Analysis in October 2009

Location	Sample ID	Interval (inches)
KRT4-C	K556441	0 - 2
	K556442	2 - 6
	K556443	6 - 12
	K556444	12 - 18
	K556445	18 - 24
	K556446	24 - 28
	K556447	28 - 32
	K556448	32 - 36
	K556449	36 - 46
KRT4-E	K556450	0 - 2
	K556451	2 - 4
	K556452	4 - 6
	K556453	6 - 12
	K556454 [K556458]	12 - 24
	K556455 ¹	24 - 36
	K556456	36 - 41
	K556457	41 - 46
	K556459	0 - 2
KRT4-F	K556460	2 - 6
	K556461	6 - 12
	K556462 ¹ [K556465]	12 - 24
	K556463	24 - 27
	K556464	27 - 30
	K556466	0 - 2
KRT4-D	K556467	2 - 6
	K556468	6 - 12
	K556469	12 - 15
	K556470	15 - 21

Notes:

¹MS/MSD performed on this sample.

Duplicate samples are in brackets.

Samples sent to TestAmerica Laboratories, Inc. for
PCB, TOC, and grain size analysis on October 30.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table E — Focused Step-Out Cores — Status of Analytical Data

Location	Sample ID	Interval (in)	SDG
FF-35-60'S	K56377	0-2	NR
	K56378	2-6	NR
	K56379	6-12	NR
	K56380	12-15	NR
FF-35-60'N	K56381	0-2	NR
	K56382	2-6	NR
	K56383	6-12	NR
	K56384	12-15	NR
	K56385	15-19	NR
FF-35-40'N	K56386	0-2	NR
	K56387	2-6	NR
	K56388	6-10	NR
	K56389	10-15	NR
	K56390	15-19	NR
FF-35-40'S	K56391	0-2	NR
	K56392	2-6	NR
	K56393	6-12	NR
	K56394 [K56395]	12-19	NR
	K56396 ¹	19-29	NR
	K56397	29-31	KAL480
	K56398	31-35	KAL480

Notes:

Cores were collected in July 2009, and released for analysis in September 2009.

NR - Data not received by October 31, 2009.

¹MS/MSD performed on this sample.

Duplicate samples are in brackets.

Samples sent to TestAmerica Laboratories, Inc. for PCB, TOC, and grain size analysis.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table F — Plainwell TCRA Area — Groundwater and Surface Water Data
Received in October 2009

Date Sampled	ARCADIS Sample ID	Location ID	SDG
9/21/2009	TS40034	MW-5	KAL481
	TS40035	MW-4	KAL481
	TS40036	MW-8	KAL481
	TS31006 ¹	SG-5	KAL481
9/22/2009	TS40037	MW-3	KAL481
	TS40038	MW-7	KAL481
	TS40039	MW-2	KAL481
	TS40040	MW-6	KAL481
	TS40041	MW-4	KAL481
	TS40042	MW-1	KAL481
9/23/2009	TS40043 ¹	MW-12	KAL481
	TS40044 [TS40045]	MW-11	KAL481 [KAL481]
	TS40046 [TS40047]	MW-10	KAL481 [KAL481]
	TS40048	MW-13	KAL481
9/24/2009	TS40049	MW-15	KAL481
	TS40050	MW-14	KAL481
	TS31007 [TS31008]	SG-5	KAL481 [KAL481]

Notes:

All samples sent to TestAmerica Laboratories, Inc. for the following analyses:
PCBs, total organic carbon (TOC), total dissolved solids (TDS), total
suspended solids (TSS), chloride, sulfate and alkalinity, and total metals
(i.e., sodium, calcium, potassium, magnesium).

¹MS/MSD performed on this sample.

Duplicate samples are in brackets.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

**Table G — Lake Allegan (Area 6) — PCB Analyses in Sediment Samples — Samples Received in
October 2009**

Date Collected	Location	Interval (cm)	Sample ID	SDG
5/14/2009	ALG-5	0-1	K16965	KAL475
		1-2	K16966	KAL475
		2-3	K16967	KAL475
		3-4	K16968 [K16969]	KAL475 [KAL475]
		4-5	K16970	KAL475
		5-6	K16971	KAL475
		6-7	K16972	KAL475
		7-8	K16973	KAL475
		8-9	K16974	KAL475
		9-10	K16975	KAL475
		10-12	K16976 ¹	KAL476
		12-14	K16977	KAL475
		14-16	K16978	KAL475
		16-18	K16979 [K16980]	KAL476 [KAL476]
		18-20	K16981 ¹	KAL477
		20-25	K16982	KAL476
		25-30	K16983	KAL476
		30-35	K16984	KAL476
		35-40	K16985	KAL477
		40-45	K16986	KAL476
		45-50	K16987	KAL476
		50-55	K16988	KAL476
		60-65	K16989	KAL476
5/14/2009	ALG-6	0-1	K16990	KAL476
		1-2	K16991	KAL476
		2-3	K16992	KAL476
		3-4	K16993	KAL476
		4-5	K16994 [K16995]	KAL476 [KAL476]
		5-6	K16996	KAL476
		6-7	K16997	KAL476
		7-8	K16998	KAL476
		8-9	K16999	KAL476
		9-10	K17000 [K17001]	KAL477 [KAL477]
		10-12	K17002	KAL477
		12-14	K17003	KAL477
		14-16	K17004	KAL477
		16-18	K17005	KAL477
		18-20	K17006	KAL477
		20-25	K17007	KAL477
		25-30	K17008	KAL477
		30-35	K17009	KAL477
		35-40	K17010	KAL477
		40-45	K17011	KAL477
		45-50	K17012	KAL477
		50-55	K17013	KAL477
		55-60	K17014	KAL477
		60-65	K17015	KAL477

See Notes on Page 2.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table G — Lake Allegan (Area 6) — PCB Analyses in Sediment Samples — Samples Received in October 2009

Date Collected	Location	Interval (cm)	Sample ID	SDG
5/14/2009	ALG-7	20-25	K16895 ¹	KAL475
		40-45	K16899	KAL475
		45-50	K16900	KAL475
		50-55	K16901	KAL475
		55-60	K16902	KAL475
		60-65	K16903	KAL475
		65-70	K16904	KAL475

Notes:

Samples were submitted to TestAmerica Laboratories, Inc. for PCB and percent solids analysis.

Duplicate samples are in brackets.

¹MS/MSD performed on this sample.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table H — Lake Allegan (Area 6) — Pending Radionuclide Data

Date Collected	Location	Interval (cm)	Sample ID	SDG
5/13/2009	ALG-10	70-75	K16872	NR
		75-80	K16873	NR
		80-85	K16874	NR
		85-90	K16875	NR
		90-95	K16876	NR
		95-100	K16877	NR
	SPI-40	0-1	K16818	NR
		1-2	K16819	NR
		2-3	K16820	NR
		3-4	K16821	NR
		4-5	K16822	NR
		5-6	K16823	NR
		6-7	K16824	NR
		7-8	K16825	NR
		8-9	K16826	NR
		9-10	K16827	NR
		10-12	K16828	NR
		12-14	K16829	NR
		14-16	K16830	NR
		16-18	K16831	NR
		18-20	K16832	NR
		20-25	K16833	NR
		25-30	K16834	NR
		30-35	K16835	NR
		35-40	K16836	NR
		40-45	K16837	NR
		45-50	K16838	NR
		50-55	K16839	NR
		55-60	K16840	NR
		60-65	K16841	NR
		65-70	K16842	NR

Notes:

All samples submitted to Mass Spec Services for Pb-210 and Cs-137 geochronological analysis.

NR - Data not received by October 31, 2009.

Kalamazoo River Study Group
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Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table I — Radionuclide Results for Sediment Samples Collected in Lake Allegan - Data Received in August 2009

Sample Name:		K16973	K16974	K16975	K16976	K16977	K16978	K16979	K16981	K16982	K16983
Sample Depth (cm):		7 - 8	8 - 9	9 - 10	10 - 12	12 - 14	14 - 16	16 - 18	18 - 20	20 - 25	25 - 30
Date Collected:		05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09
Location ID:	Units	ALG-5									
Geochronology											
Lead-210	pCi/g	2.63 ± 0.17	2.42 ± 0.16	2.22 ± 0.16	2.41 ± 0.17	2.22 ± 0.15	2.26 ± 0.16	2.19 ± 0.15	1.62 ± 0.14	1.42 ± 0.13	1.36 ± 0.12
Cesium-137	pCi/g	0.233 ± 0.068	0.346 ± 0.107	0.297 ± 0.082	0.283 ± 0.114	0.32 ± 0.072	0.43 ± 0.065	0.467 ± 0.103	0.847 ± 0.141	0.656 ± 0.089	0.308 ± 0.068
Beryllium-7	pCi/g	0.88 U	1.33 U	1.11 U	1.77 U	0.76 U	1.29 U	0.9 U	1.29 U	0.81 U	1.01 U
Sample Name:		K16984	K16985	K16986	K16987	K16988	K16989	K16990	K16991	K16992	K16993
Sample Depth (cm):		30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	60 - 65	0 - 1	1 - 2	2 - 3	3 - 4
Date Collected:		05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09
Location ID:	Units	ALG-5	ALG-5	ALG-5	ALG-5	ALG-5	ALG-5	ALG-6	ALG-6	ALG-6	ALG-6
Geochronology											
Lead-210	pCi/g	1.18 ± 0.12	0.9 ± 0.11	0.79 ± 0.11	0.73 ± 0.11	0.57 ± 0.1	0.5 ± 0.09	3.12 ± 0.17	3.28 ± 0.18	2.57 ± 0.16	2.95 ± 0.18
Cesium-137	pCi/g	0.059 U	0.062 U	0.051 U	0.05 U	0.068 U	0.052 U	0.159 ± 0.055	0.206 ± 0.067	0.216 ± 0.079	0.184 ± 0.064
Beryllium-7	pCi/g	0.97 U	0.85 U	0.84 U	1.06 U	1.09 U	1.16 U	1.61 U	1.15 U	1.9 U	1.1 U
Sample Name:		K16994	K16996	K16997	K16998	K16999	K17000	K17002	K17003	K17004	K17005
Sample Depth (cm):		4 - 5	5 - 6	6 - 7	7 - 8	8 - 9	9 - 10	10 - 12	12 - 14	14 - 16	16 - 18
Date Collected:		05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09
Location ID:	Units	ALG-6									
Geochronology											
Lead-210	pCi/g	2.89 ± 0.17	2.42 ± 0.15	2.44 ± 0.15	2.3 ± 0.15	2.22 ± 0.15	2.37 ± 0.15	2.25 ± 0.15	2.1 ± 0.14	2.22 ± 0.14	2.17 ± 0.15
Cesium-137	pCi/g	0.172 ± 0.068	0.295 ± 0.057	0.305 ± 0.082	0.218 ± 0.075	0.257 ± 0.116	0.226 ± 0.071	0.313 ± 0.082	0.335 ± 0.074	0.387 ± 0.077	0.542 ± 0.125
Beryllium-7	pCi/g	1.66 U	1.02 U	1.02 U	0.99 U	1.69 U	1.45 U	1.43 U	1.34 U	1.4 U	1.52 U
Sample Name:		K17006	K17007	K17008	K17009	K17010	K17011	K17012	K17013	K17014	K17015
Sample Depth (cm):		18 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 25	45 - 50	50 - 55	55 - 60	60 - 65
Date Collected:		05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09
Location ID:	Units	ALG-6									
Geochronology											
Lead-210	pCi/g	2.21 ± 0.14	2.04 ± 0.15	1.81 ± 0.14	1.67 ± 0.13	1.55 ± 0.13	1.35 ± 0.12	1.44 ± 0.13	1.29 ± 0.12	1.68 ± 0.13	1.6 ± 0.13
Cesium-137	pCi/g	0.543 ± 0.098	0.631 ± 0.075	1.034 ± 0.091	1.128 ± 0.091	0.414 ± 0.056	0.062 U	0.057 U	0.085 ± 0.043	0.051 U	0.047 U
Beryllium-7	pCi/g	1.69 U	1.1 U	0.82 U	1.17 U	1.25 U	1.22 U	0.96 U	1.12 U	1.12 U	0.92 U

Notes:

Samples analyzed by Mass Spec Services.

pCi/g - average picocuries per gram

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Kalamazoo River Study Group
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Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table J — PCB Results for Soil and Sediment Samples Collected at Crown Vantage - Data Received in August 2009

Sample Name: Sample Depth(in): Date Collected: Location ID:	Units	Soil											
		K26440 0 - 6 07/07/09 CVS-01	K26441 6 - 12 07/07/09 CVS-01	K26442 12 - 16 07/07/09 CVS-01	K26443 0 - 6 07/07/09 CVS-02	K26444 6 - 12 07/07/09 CVS-02	K26445 12 - 19 07/07/09 CVS-02	K26446 19 - 25 07/07/09 CVS-02	K26447 0 - 6 07/07/09 CVS-03	K26448 6 - 12 07/07/09 CVS-03	K26449 12 - 19 07/07/09 CVS-03	K26450 19 - 23 07/07/09 CVS-03	K26451 [K26452] 0 - 6 07/07/09 CVS-04
PCB Aroclors													
Aroclor-1016	mg/kg	0.053 U	0.052 U	0.050 U	0.061 U	0.067 U	0.062 U	0.11 U	0.071 U	0.059 U	0.066 U	0.085 U	0.10 U [0.12 U]
Aroclor-1221	mg/kg	0.053 U	0.052 U	0.050 U	0.061 U	0.067 U	0.062 U	0.11 U	0.071 U	0.059 U	0.066 U	0.085 U	0.10 U [0.12 U]
Aroclor-1232	mg/kg	0.053 U	0.052 U	0.050 U	0.061 U	0.067 U	0.062 U	0.11 U	0.071 U	0.059 U	0.066 U	0.085 U	0.10 U [0.12 U]
Aroclor-1242	mg/kg	0.053 U	0.052 U	0.050 U	0.061 U	0.067 U	0.062 U	0.11 U	0.071 U	0.059 U	0.066 U	0.085 U	0.075 J [0.094 J]
Aroclor-1248	mg/kg	0.053 U	0.052 U	0.050 U	0.061 U	0.067 U	0.062 U	0.11 U	0.071 U	0.059 U	0.066 U	0.085 U	0.10 U [0.12 U]
Aroclor-1254	mg/kg	0.053 U	0.052 U	0.050 U	0.061 U	0.067 U	0.062 U	0.11 U	0.071 U	0.059 U	0.066 U	0.085 U	0.14 [0.16 J]
Aroclor-1260	mg/kg	0.053 U	0.052 U	0.050 U	0.20	0.055 J	0.062 U	0.11 U	0.11	0.068	0.066 U	0.085 U	0.068 J [0.071 J]
Total PCBs	mg/kg	0.053 U	0.052 U	0.050 U	0.20	0.055 J	0.062 U	0.11 U	0.11	0.068	0.066 U	0.085 U	0.28 J [0.33 J]
Miscellaneous													
Percent Solids	%	96	96.1	94.5	84.3	80.2	79	46.7	73.5	82.5	79.1	58.2	49 [44.2]
TOC													
Total Organic Carbon	mg/kg	27,700	6,230	18,300	85,800	90,100 J	194,000	305,000	114,000	292,000	90,400 J	134,000 J	111,000 [92,600]
Grain Size Analysis													
Gravel	%	28.9	34.5	17.1	12.9	26.4	26	14.1	5.9	36.8	32.5	5.7	1
Coarse Sand	%	5.4	7.9	8.5	6.3	15.4	18	4.7	4.6	14.2	11.4	1.6	1.9
Medium Sand	%	24	19.1	23.8	23.2	23.5	23.7	7.9	10.1	16.8	18.6	6.9	6
Fine Sand	%	32.4	29.9	35.9	24.6	19.7	18.9	43.8	12.9	13.1	24.5	46.9	39.8
Silt	%	9.2	5.9	9.4	25.4	11.9	11.6	26.1	47.4	16.3	12.3	31.9	37.3
Clay	%	0	2.8	5.4	7.6	3.2	1.7	3.3	19.1	2.8	0.8	7	14
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)
Sieve, 3/4 inch	% passing	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)
Sieve, 3/8 inch	% passing	77.6 (9500)	83.4 (9500)	91.1 (9500)	94 (9500)	92.6 (9500)	94.3 (9500)	93.1 (9500)	98.9 (9500)	89 (9500)	83.2 (9500)	97 (9500)	99.7 (9500)
Sieve, #4	% passing	71.1 (4750)	65.5 (4750)	82.9 (4750)	87.1 (4750)	73.6 (4750)	74 (4750)	85.9 (4750)	94.1 (4750)	63.2 (4750)	67.5 (4750)	94.3 (4750)	99 (4750)
Sieve, #10	% passing	65.7 (2000)	57.7 (2000)	74.4 (2000)	80.8 (2000)	58.2 (2000)	56 (2000)	81.2 (2000)	89.4 (2000)	48.9 (2000)	56.1 (2000)	92.7 (2000)	97.1 (2000)
Sieve, #20	% passing	57.6 (850)	51.6 (850)	66.8 (850)	70.7 (850)	44.6 (850)	42.2 (850)	77.6 (850)	86.5 (850)	38.8 (850)	47.2 (850)	92.4 (850)	95.8 (850)
Sieve, #40	% passing	41.6 (425)	38.6 (425)	50.6 (425)	57.6 (425)	34.7 (425)	32.3 (425)	73.2 (425)	79.3 (425)	32.1 (425)	37.5 (425)	85.8 (425)	91.2 (425)
Sieve, #60	% passing	23.1 (250)	22.1 (250)	31.2 (250)	44.8 (250)	27.4 (250)	25.2 (250)	65.4 (250)	74.6 (250)	27.6 (250)	28 (250)	76.1 (250)	87.1 (250)
Sieve, #80	% passing	14.7 (180)	13.8 (180)	21.7 (180)	38.9 (180)	22.2 (180)	20.3 (180)	54.8 (180)	71.8 (180)	24.4 (180)	20.7 (180)	64 (180)	77 (180)
Sieve, #100	% passing	13 (150)	12.1 (150)	19.5 (150)	37.6 (150)	20.7 (150)	18.8 (150)	50.5 (150)	70.9 (150)	23.5 (150)	18.8 (150)	59 (150)	72.1 (150)
Sieve, #200	% passing	9.2 (75)	8.7 (75)	14.7 (75)	33 (75)	15 (75)	13.3 (75)	29.4 (75)	66.5 (75)	19.1 (75)	13.1 (75)	38.9 (75)	51.3 (75)
Hydrometer Reading 1	% passing	4.2 (37)	5.6 (37)	10 (35)	18.3 (36)	7.4 (36)	6 (36)	18.4 (36)	44.9 (32)	9.6 (36)	7.6 (36)	20.5 (36)	31.3 (36)
Hydrometer Reading 2	% passing	2.8 (24)	4.7 (23)	8.4 (23)	16.7 (23)	6.3 (23)	5.1 (23)	13.4 (23)	38.1 (21)	7.7 (23)	5.7 (23)	15.2 (23)	25.3 (23)
Hydrometer Reading 3	% passing	1.4 (13.6)	4.7 (13.4)	7.7 (13.1)	13.7 (13.2)	5.3 (13.4)	4.3 (13.4)	10 (13.3)	29.9 (12.3)	5.7 (13.4)	4.7 (13.5)	13.7 (13.4)	23.7 (13.2)
Hydrometer Reading 4	% passing	1.4 (9.8)	3.7 (9.7)	6.9 (9.1)	10.6 (9.2)	4.2 (9.4)	3.4 (9.2)	6.7 (9.5)	24.5 (8.9)	4.7 (9.5)	2.8 (9.5)	10.2 (9.6)	19.7 (9.4)
Hydrometer Reading 5	% passing	0 (7)	2.8 (6.6)	5.4 (6.6)	7.6 (6.8)	3.2 (6.8)	1.7 (6.8)	3.3 (6.6)	19.1 (6.6)	2.8 (6.6)	0.8 (7)	7 (6.8)	14 (6.8)
Hydrometer Reading 6	% passing	-1.6 (3.4)	1.7 (3.3)	3.7 (3.4)	4.3 (3.4)	1.1 (3.2)	0.7 (3.3)	1.4 (3.3)	12 (3.3)	0.8 (3.4)	0.8 (3.5)	5.6 (3.3)	10 (3.3)
Hydrometer Reading 7	% passing	-1.6 (1.4)	1.2 (1.4)	2.4 (1.4)	2 (1.4)	0.4 (1.4)	0.1 (1.4)	-1.4 (1.4)	7 (1.4)	0.2 (1.4)	-0.8 (1.4)	2 (1.4)	4.3 (1.4)

See Notes on Page 4.

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Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table J — PCB Results for Soil and Sediment Samples Collected at Crown Vantage - Data Received in August 2009

Sample Name: Sample Depth(in): Date Collected: Location ID:	Units	Soil											
		K26453 6 - 13 07/07/09 CVS-04	K26454 0 - 6 07/07/09 CVS-05	K26455 6 - 12 07/07/09 CVS-05	K26456 0 - 6 07/07/09 CVS-06	K26457 6 - 12 07/07/09 CVS-06	K26458 12 - 15 07/07/09 CVS-06	K26459 15 - 22 07/07/09 CVS-06	K26460 0 - 6 07/08/09 CVS-07	K26461 6 - 12 07/08/09 CVS-07	K26462 12 - 26 07/08/09 CVS-07	K26463 0 - 6 07/08/09 CVS-08	K26464 6 - 12 07/08/09 CVS-08
PCB Aroclors													
Aroclor-1016	mg/kg	0.081 U	0.098 U	0.082 U	0.091 U	0.087 U	0.068 U	0.057 U	0.090 U	0.070 U	0.054 U	0.17 U	0.13 U
Aroclor-1221	mg/kg	0.081 U	0.098 U	0.082 U	0.091 U	0.087 U	0.068 U	0.057 U	0.090 U	0.070 U	0.054 U	0.17 U	0.13 U
Aroclor-1232	mg/kg	0.081 U	0.098 U	0.082 U	0.091 U	0.087 U	0.068 U	0.057 U	0.090 U	0.070 U	0.054 U	0.17 U	0.13 U
Aroclor-1242	mg/kg	0.081 U	0.057 J	0.082 U	0.091 U	0.087 U	0.068 U	0.057 U	0.090 U	0.070 U	0.054 U	0.33	0.13 U
Aroclor-1248	mg/kg	0.081 U	0.098 U	0.082 U	0.091 U	0.087 U	0.068 U	0.057 U	0.090 U	0.070 U	0.054 U	0.17 U	0.13 U
Aroclor-1254	mg/kg	0.081 U	0.15 J	0.082 U	0.091 U	0.087 U	0.068 U	0.057 U	0.090 U	0.070 U	0.054 U	0.87	0.087 J
Aroclor-1260	mg/kg	0.081 U	0.098 U	0.082 U	0.091 U	0.087 U	0.068 U	0.057 U	0.090 U	0.070 U	0.054 U	0.35	0.12 J
Total PCBs	mg/kg	0.081 U	0.21 J	0.082 U	0.091 U	0.087 U	0.068 U	0.057 U	0.090 U	0.070 U	0.054 U	1.6	0.21 J
Miscellaneous													
Percent Solids	%	67.1	52.6	60.3	54.1	57.5	70.7	85.6	57.4	71.5	83.6	28.9	40.6
TOC													
Total Organic Carbon	mg/kg	36,100	58,900	47,300	201,000	129,000	41,100	3,870	90,900	34,500	3,370	200,000	134,000
Grain Size Analysis													
Gravel	%	0	0	0	0	0	10.2	2.2	0.4	0.5	25.1	0	0
Coarse Sand	%	0	0	0	0	0.9	2.9	2.9	1.1	0.5	9.2	1.4	0
Medium Sand	%	5.6	4.6	2	4.9	9.5	12.4	12.6	6.5	3.8	16.7	6.7	8.1
Fine Sand	%	52.9	42.9	54.2	42	39.6	47.2	60.4	52.6	62.5	35.8	20.1	18
Silt	%	24.6	38.6	33.4	49.5	46.6	21.7	13.5	33	24.3	6.7	55.7	51.1
Clay	%	16.9	13.9	10.4	3.6	3.5	5.6	8.5	6.3	8.5	6.5	16.1	22.7
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)
Sieve, 3/4 inch	% passing	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	89.8 (19000)	100 (19000)	100 (19000)
Sieve, 3/8 inch	% passing	100 (9500)	100 (9500)	100 (9500)	100 (9500)	100 (9500)	89.8 (9500)	100 (9500)	100 (9500)	100 (9500)	80.4 (9500)	100 (9500)	100 (9500)
Sieve, #4	% passing	100 (4750)	100 (4750)	100 (4750)	100 (4750)	100 (4750)	89.8 (4750)	97.8 (4750)	99.6 (4750)	99.5 (4750)	74.9 (4750)	100 (4750)	100 (4750)
Sieve, #10	% passing	100 (2000)	100 (2000)	100 (2000)	100 (2000)	99.1 (2000)	86.9 (2000)	95 (2000)	98.5 (2000)	99.1 (2000)	65.7 (2000)	98.6 (2000)	100 (2000)
Sieve, #20	% passing	96.9 (850)	99.5 (850)	99.5 (850)	98.4 (850)	97.3 (850)	83.5 (850)	91.1 (850)	97.5 (850)	98.2 (850)	58.9 (850)	97.2 (850)	97.1 (850)
Sieve, #40	% passing	94.4 (425)	95.4 (425)	98 (425)	95.1 (425)	89.7 (425)	74.5 (425)	82.4 (425)	92 (425)	95.3 (425)	49 (425)	91.8 (425)	91.9 (425)
Sieve, #60	% passing	91.7 (250)	91.6 (250)	94.3 (250)	87.2 (250)	80.6 (250)	56.6 (250)	61.2 (250)	81.9 (250)	86.9 (250)	33.4 (250)	86.2 (250)	87.7 (250)
Sieve, #80	% passing	77.8 (180)	84.2 (180)	82.2 (180)	76.5 (180)	69.8 (180)	44.5 (180)	44.6 (180)	66.9 (180)	68.2 (180)	24 (180)	82.8 (180)	85 (180)
Sieve, #100	% passing	70.5 (150)	79.6 (150)	75.4 (150)	72.4 (150)	63.4 (150)	37.9 (150)	35.4 (150)	57 (150)	54.9 (150)	20.1 (150)	80.6 (150)	83 (150)
Sieve, #200	% passing	41.6 (75)	52.5 (75)	43.8 (75)	53.1 (75)	50.1 (75)	27.2 (75)	21.9 (75)	39.4 (75)	32.8 (75)	13.2 (75)	71.7 (75)	73.9 (75)
Hydrometer Reading 1	% passing	28.7 (35)	31.4 (35)	22 (36)	21.1 (37)	22.6 (35)	19.7 (36)	16.8 (33)	22.4 (36)	21 (34)	10.6 (35)	35.3 (36)	48.1 (35)
Hydrometer Reading 2	% passing	25.9 (22)	25.5 (23)	19 (23)	17.5 (24)	14.6 (23)	16.1 (23)	14.9 (21)	18.4 (23)	17.9 (22)	9.4 (22)	31.5 (23)	41.8 (22)
Hydrometer Reading 3	% passing	21.3 (13)	19.5 (13.3)	16.3 (13.2)	10.8 (13.6)	11.4 (13.3)	12.6 (13.3)	13 (12.5)	12.3 (13.4)	12.7 (13)	7.7 (12.9)	27.6 (13.3)	35.4 (13.1)
Hydrometer Reading 4	% passing	19.8 (9.4)	17.9 (9.2)	13.3 (9.2)	7.2 (9.5)	8.2 (9.5)	9.1 (9.5)	10.4 (9.2)	10.3 (9.7)	9.5 (9.2)	6.5 (9.1)	19.9 (9.3)	25.9 (9.1)
Hydrometer Reading 5	% passing	16.9 (6.7)	13.9 (6.7)	10.4 (6.8)	3.6 (6.9)	3.5 (6.9)	5.6 (6.9)	8.5 (6.6)	6.3 (6.6)	8.5 (6.6)	6.5 (6.6)	16.1 (6.8)	22.7 (6.7)
Hydrometer Reading 6	% passing	10.8 (3.3)	6.3 (3.4)	7.7 (3.4)	0 (3.3)	0.3 (3.3)	3.8 (3.3)	6.5 (3.2)	2.3 (3.4)	6.4 (3.3)	5.3 (3.3)	8.3 (3.2)	13.2 (3.2)
Hydrometer Reading 7	% passing	8 (1.4)	4.3 (1.4)	4.7 (1.4)	-3 (1.4)	-1.3 (1.4)	2.1 (1.4)	4.6 (1.4)	-1.7 (1.4)	3.3 (1.4)	3.6 (1.4)	4.5 (1.4)	3.7 (1.4)

See Notes on Page 4.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table J — PCB Results for Soil and Sediment Samples Collected at Crown Vantage - Data Received in August 2009

Sample Name: Sample Depth(in): Date Collected: Location ID:	Units	Soil								Sediment		
		K26465 12 - 24 07/08/09 CVS-08	K26466 24 - 28 07/08/09 CVS-08	K26467 0 - 6 07/08/09 CVS-09	K26468 6 - 12 07/08/09 CVS-09	K26469 12 - 21 07/08/09 CVS-09	K26470 0 - 6 07/08/09 CVS-10	K26471 [K26472] 6 - 12 07/08/09 CVS-10	K26473 12 - 25 07/08/09 CVS-10	K56299 0 - 6 07/08/09 FF-28	K56300 [K56301] 6 - 13 07/08/09 FF-28	K56323 [K56324] 12 - 24 07/08/09 CVT-08-5
PCB Aroclors												
Aroclor-1016	mg/kg	0.13 U	0.072 U	0.074 U	0.34 U	0.079 U	0.080 U	0.088 U [0.090 U]	0.088 U	0.54 U	0.50 U [0.26 U]	0.066 U [0.069 U]
Aroclor-1221	mg/kg	0.099 J	0.072 U	0.074 U	0.34 U	0.079 U	0.080 U	0.088 U [0.090 U]	0.088 U	0.54 U	0.50 U [0.26 U]	0.066 U [0.069 U]
Aroclor-1232	mg/kg	0.13 U	0.072 U	0.074 U	0.34 U	0.079 U	0.080 U	0.088 U [0.090 U]	0.088 U	0.54 U	0.50 U [0.26 U]	0.066 U [0.069 U]
Aroclor-1242	mg/kg	0.13 U	0.072 U	0.074 U	4.3	0.079 U	0.076 J	0.088 U [0.090 U]	0.42	0.54 U	0.50 U [0.26 U]	0.066 U [0.082]
Aroclor-1248	mg/kg	0.13 U	0.072 U	0.074 U	0.34 U	0.052 J	0.080 U	0.088 U [0.13]	0.088 U	1.9	1.4 [0.82]	0.24 [0.070]
Aroclor-1254	mg/kg	0.13 U	0.072 U	0.074 U	0.34 U	0.069 J	0.067 J	0.088 U [0.090 U]	0.35	2.4	1.4 [0.94]	0.45 J [0.19 J]
Aroclor-1260	mg/kg	0.13 U	0.072 U	0.074 U	0.34 U	0.079 U	0.080 U	0.045 J [0.085 J]	0.19	0.59	0.39 J [0.60]	0.066 U [0.069 U]
Total PCBs	mg/kg	0.099 J	0.072 U	0.074 U	4.3	0.12 J	0.14 J	0.13 J [0.22 J]	0.96	4.9	3.2 J [2.4]	0.69 J [0.34 J]
Miscellaneous												
Percent Solids	%	40.2	66.2	70.1	76.5	61.9	66.7	59.3 [58.2]	51.5	48.1	55.2 [60.5]	75.4 [67.9]
TOC												
Total Organic Carbon	mg/kg	76,000	29,900 J	55,600	121,000	107,000	116,000	176,000 [177,000]	144,000	121,000	67,700 [54,800]	63,200 J [39,300 J]
Grain Size Analysis												
Gravel	%	0	7.5	7.1	37.2	22.9	26	27.8	20.5	0	0	3.2
Coarse Sand	%	0	0.3	7.2	6.7	7.3	13.9	5.5	6.8	0.8	0.6	5.9
Medium Sand	%	12.2	15.3	28.2	13.9	9.4	24.6	11.1	14.7	10.6	5.4	27.1
Fine Sand	%	39.7	62.2	26.8	24.5	23	17.1	21.1	26.8	29.3	51.1	56.5
Silt	%	37	12.9	24.7	13.1	32.6	14.7	28.5	27.1	42.4	27.3	7.3
Clay	%	11.1	1.8	6	4.6	4.8	3.8	6	4.1	16.9	15.6	0
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)
Sieve, 3/4 inch	% passing	100 (19000)	100 (19000)	100 (19000)	85.1 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)
Sieve, 3/8 inch	% passing	100 (9500)	93.4 (9500)	100 (9500)	70 (9500)	86.1 (9500)	93 (9500)	85.5 (9500)	93.5 (9500)	100 (9500)	100 (9500)	98.7 (9500)
Sieve, #4	% passing	100 (4750)	92.5 (4750)	92.9 (4750)	62.8 (4750)	77.1 (4750)	74 (4750)	72.2 (4750)	79.5 (4750)	100 (4750)	100 (4750)	96.8 (4750)
Sieve, #10	% passing	100 (2000)	92.2 (2000)	85.7 (2000)	56.1 (2000)	69.8 (2000)	60.1 (2000)	66.6 (2000)	72.7 (2000)	99.2 (2000)	99.4 (2000)	90.9 (2000)
Sieve, #20	% passing	97.2 (850)	87 (850)	74.6 (850)	49.9 (850)	65 (850)	46.7 (850)	61.6 (850)	64.9 (850)	95.3 (850)	98.7 (850)	82.4 (850)
Sieve, #40	% passing	87.8 (425)	76.9 (425)	57.5 (425)	42.2 (425)	60.4 (425)	35.5 (425)	55.6 (425)	58 (425)	88.6 (425)	94 (425)	63.8 (425)
Sieve, #60	% passing	75.3 (250)	62 (250)	45.1 (250)	32.8 (250)	54 (250)	28.5 (250)	48.9 (250)	50.3 (250)	82.7 (250)	86.3 (250)	34 (250)
Sieve, #80	% passing	69.3 (180)	47.5 (180)	40.4 (180)	27.5 (180)	49.4 (180)	25.4 (180)	44.8 (180)	45.1 (180)	76.5 (180)	71.8 (180)	18.7 (180)
Sieve, #100	% passing	64.6 (150)	35.2 (150)	37.9 (150)	24.7 (150)	46.4 (150)	23.6 (150)	42.1 (150)	41.6 (150)	72.3 (150)	61.7 (150)	14.6 (150)
Sieve, #200	% passing	48.1 (75)	14.7 (75)	30.7 (75)	17.8 (75)	37.4 (75)	18.4 (75)	34.5 (75)	31.3 (75)	59.3 (75)	43 (75)	7.3 (75)
Hydrometer Reading 1	% passing	26.2 (36)	10.9 (36)	17.4 (36)	11.9 (36)	19.2 (34)	12.7 (36)	14.3 (36)	20 (35)	33.3 (34)	32.3 (34)	2.1 (37)
Hydrometer Reading 2	% passing	21.9 (23)	7.9 (23)	13.6 (23)	10.5 (23)	13.7 (22)	9.6 (23)	11.5 (23)	16.4 (23)	27.8 (22)	26.2 (22)	1.4 (24)
Hydrometer Reading 3	% passing	17.6 (13.3)	6.4 (13.5)	11.7 (13.4)	7.5 (13.4)	9.2 (13.1)	6.6 (13.4)	8.7 (13.2)	11.2 (13.2)	24.2 (12.8)	21.7 (12.7)	1.4 (13.6)
Hydrometer Reading 4	% passing	13.3 (9.5)	4.8 (9.6)	7.9 (9.5)	6.1 (9.4)	7 (9.4)	5.1 (9.5)	8.7 (9.5)	7.6 (9.6)	20.6 (9)	18.7 (8.9)	0.7 (9.6)
Hydrometer Reading 5	% passing	11.1 (6.6)	1.8 (7)	6 (6.6)	4.6 (7)	4.8 (6.7)	3.8 (6.8)	6 (6.8)	4.1 (6.6)	16.9 (6.6)	15.6 (6.5)	0 (6.9)
Hydrometer Reading 6	% passing	6.8 (3.3)	1.8 (3.4)	2.2 (3.4)	1.7 (3.5)	0.4 (3.3)	0.5 (3.3)	1.8 (3.3)	0.6 (3.3)	11.5 (3.4)	9.6 (3.1)	-0.7 (3.3)
Hydrometer Reading 7	% passing	2.5 (1.4)	0.3 (1.4)	-1.6 (1.4)	-1.2 (1.4)	-0.7 (1.4)	-1 (1.4)	-0.9 (1.4)	-3.2 (1.4)	3.9 (1.4)	3.5 (1.4)	-0.7 (1.4)

See Notes on Page 4.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table J — PCB Results for Soil and Sediment Samples Collected at Crown Vantage - Data Received in August 2009

Sample Name: Sample Depth(in): Date Collected: Location ID:	Units	Sediment			
		K56326 35 - 38 07/08/09 CVT-08-5	K56345 2 - 6 07/09/09 CVT-03-1	K56346 [K56347] 6 - 12 07/09/09 CVT-03-1	K56348 12 - 18 07/09/09 CVT-03-1
PCB Aroclors					
Aroclor-1016	mg/kg	0.060 U	0.12 UJ	0.15 UJ [0.13 U]	0.065 UJ
Aroclor-1221	mg/kg	0.060 U	0.12 UJ	0.15 UJ [0.13 U]	0.065 UJ
Aroclor-1232	mg/kg	0.060 U	0.12 UJ	0.15 UJ [0.13 U]	0.065 UJ
Aroclor-1242	mg/kg	0.060 U	0.20 J	0.15 UJ [0.13 U]	0.065 UJ
Aroclor-1248	mg/kg	0.060 U	0.43 J	0.16 J [0.13 U]	0.065 UJ
Aroclor-1254	mg/kg	0.060 U	0.25 J	0.15 UJ [0.13 U]	0.065 UJ
Aroclor-1260	mg/kg	0.060 U	0.12 UJ	0.15 UJ [0.13 U]	0.065 UJ
Total PCBs	mg/kg	0.060 U	0.88 J	0.16 J [0.13 U]	0.065 UJ
Miscellaneous					
Percent Solids	%	80.4	38.9	32.3 [37.6]	76.1
TOC					
Total Organic Carbon	mg/kg	35,600	95,400	68,100 [68,400]	5,370 J
Grain Size Analysis					
Gravel	%	23.1	4.1	2.9	7.1
Coarse Sand	%	9.1	0.2	0.1	2.7
Medium Sand	%	31	4.2	3	14.5
Fine Sand	%	31.4	20.3	33.9	71.3
Silt	%	5.4	52.2	44.2	4.3
Clay	%	0	19.1	15.8	0.1
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)
Sieve, 3/4 inch	% passing	100 (19000)	100 (19000)	100 (19000)	100 (19000)
Sieve, 3/8 inch	% passing	87.9 (9500)	97.5 (9500)	97.2 (9500)	96.3 (9500)
Sieve, #4	% passing	76.9 (4750)	95.9 (4750)	97.1 (4750)	92.9 (4750)
Sieve, #10	% passing	67.8 (2000)	95.8 (2000)	96.9 (2000)	90.2 (2000)
Sieve, #20	% passing	51.2 (850)	95.6 (850)	96.2 (850)	87.2 (850)
Sieve, #40	% passing	36.7 (425)	91.6 (425)	93.9 (425)	75.7 (425)
Sieve, #60	% passing	21.5 (250)	87.6 (250)	90.7 (250)	53 (250)
Sieve, #80	% passing	11.8 (180)	84.7 (180)	83.7 (180)	29.1 (180)
Sieve, #100	% passing	9.6 (150)	82.3 (150)	76.8 (150)	16.6 (150)
Sieve, #200	% passing	5.4 (75)	71.3 (75)	60 (75)	4.4 (75)
Hydrometer Reading 1	% passing	3.1 (37)	44.1 (34)	41 (34)	0.7 (37)
Hydrometer Reading 2	% passing	2 (24)	40 (22)	37.2 (22)	0.7 (23)
Hydrometer Reading 3	% passing	2 (13.6)	33.7 (12.6)	29.4 (12.7)	0.7 (13.6)
Hydrometer Reading 4	% passing	1 (9.6)	25.4 (9.1)	21.6 (9.2)	0.7 (9.8)
Hydrometer Reading 5	% passing	0 (7)	19.1 (6.6)	15.8 (6.7)	0.1 (6.9)
Hydrometer Reading 6	% passing	-1 (3.3)	10.8 (3.2)	8.1 (3.2)	0 (3.4)
Hydrometer Reading 7	% passing	-1 (1.4)	2.4 (1.4)	5.8 (1.4)	0 (1.4)

Notes:

J - The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

UJ - The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

Samples analyzed by TestAmerica Laboratories, Inc.

Duplicate results are in brackets.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

**Table K — PCB Results for Focused Step Out Samples Collected near FF-35 - Data Received
in August 2009**

Sample Name:		K56349	K56350	K56351	K56352	K56353	K56354
Sample Depth(in):		0 - 2	2 - 6	6 - 12	12 - 16	16 - 19	0 - 2
Date Collected:		07/09/09	07/09/09	07/09/09	07/09/09	07/09/09	07/09/09
Location ID:	Units	FF-35-10W	FF-35-10W	FF-35-10W	FF-35-10W	FF-35-10W	FF-35-10S
PCB Aroclors							
Aroclor-1016	mg/kg	0.15 UJ	0.15 U	0.099 U	0.073 U	0.066 U	0.17 U
Aroclor-1221	mg/kg	0.15 UJ	0.15 U	0.099 U	0.073 U	0.066 U	0.17 U
Aroclor-1232	mg/kg	0.82 J	0.15 U	0.099 U	0.073 U	0.066 U	0.17 U
Aroclor-1242	mg/kg	0.15 UJ	1.0	0.46	0.12	0.066 U	1.2
Aroclor-1248	mg/kg	0.71 J	0.39	0.66	0.24	0.066 U	0.17 U
Aroclor-1254	mg/kg	0.49 J	0.47	0.33	0.052 J	0.066 U	0.46
Aroclor-1260	mg/kg	0.16 J	0.16	0.070 J	0.073 U	0.066 U	0.10 J
Total PCBs	mg/kg	2.2 J	2.0	1.5	0.41	0.066 U	1.8
Miscellaneous							
Percent Solids	%	35.2	32.7	51.3	67.6	75.8	30.4
TOC							
Total Organic Carbon	mg/kg	119,000	123,000	38,700	6,250	25,000	120,000
Grain Size Analysis							
Gravel	%	1.1	1	1.3	2.8	64.9	9
Coarse Sand	%	1.8	0.9	1.1	2.6	7.8	4
Medium Sand	%	3.2	5.6	2.6	5.7	8.5	3.7
Fine Sand	%	54.1	45	72.8	78.3	10	58
Silt	%	35.2	39.4	20.1	8	7.2	23.4
Clay	%	4.6	8.1	2.1	2.5	1.7	2
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)	73.9 (25000)	100 (25000)
Sieve, 3/4 inch	% passing	100 (19000)	100 (19000)	100 (19000)	100 (19000)	73.9 (19000)	100 (19000)
Sieve, 3/8 inch	% passing	100 (9500)	100 (9500)	100 (9500)	100 (9500)	48.4 (9500)	98.6 (9500)
Sieve, #4	% passing	98.9 (4750)	99 (4750)	98.7 (4750)	97.2 (4750)	35.1 (4750)	91 (4750)
Sieve, #10	% passing	97.1 (2000)	98.1 (2000)	97.6 (2000)	94.5 (2000)	27.3 (2000)	87 (2000)
Sieve, #20	% passing	96.3 (850)	96.4 (850)	97 (850)	92.5 (850)	23.3 (850)	85.9 (850)
Sieve, #40	% passing	93.9 (425)	92.5 (425)	95 (425)	88.9 (425)	18.8 (425)	83.3 (425)
Sieve, #60	% passing	88.2 (250)	86.2 (250)	76 (250)	58.6 (250)	14.8 (250)	78 (250)
Sieve, #80	% passing	78.2 (180)	78.1 (180)	49.7 (180)	29.2 (180)	12.2 (180)	69.7 (180)
Sieve, #100	% passing	70.3 (150)	71.4 (150)	37.9 (150)	19.7 (150)	11 (150)	61.2 (150)
Sieve, #200	% passing	39.8 (75)	47.5 (75)	22.2 (75)	10.6 (75)	8.9 (75)	25.4 (75)
Hydrometer Reading 1	% passing	19.5 (36)	21.7 (35)	7 (36)	7.4 (36)	4.6 (35)	8.4 (37)
Hydrometer Reading 2	% passing	11 (23)	13.9 (23)	6 (23)	6.6 (23)	4.2 (23)	6.4 (23)
Hydrometer Reading 3	% passing	11 (13.3)	13.9 (13.2)	5 (13.3)	5.8 (13.2)	3.4 (13.1)	6.4 (13.4)
Hydrometer Reading 4	% passing	8.8 (9.3)	10 (9.3)	4.1 (9.3)	4.2 (9.1)	2.6 (9.4)	4.4 (9.5)
Hydrometer Reading 5	% passing	4.6 (6.7)	8.1 (6.7)	2.1 (6.8)	2.5 (6.7)	1.7 (6.6)	2 (7)
Hydrometer Reading 6	% passing	2.1 (3.4)	3.9 (3.4)	1 (3.2)	1.6 (3.3)	0.8 (3.3)	0 (3.4)
Hydrometer Reading 7	% passing	2.1 (1.4)	1.9 (1.4)	0 (1.4)	0.8 (1.4)	0.4 (1.4)	-2 (1.4)

See Notes on Page 5.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

**Table K — PCB Results for Focused Step Out Samples Collected near FF-35 - Data Received
in August 2009**

Sample Name:		K56355	K56356	K56357	K56358	K56359
Sample Depth(in):		2 - 6	6 - 12	12 - 15	0 - 2	2 - 6
Date Collected:		07/09/09	07/09/09	07/09/09	07/09/09	07/09/09
Location ID:	Units	FF-35-10S	FF-35-10S	FF-35-10S	FF-35-20S	FF-35-20S
PCB Aroclors						
Aroclor-1016	mg/kg	0.18 U	0.13 U	0.058 U	0.12 UJ	0.14 U
Aroclor-1221	mg/kg	0.18 U	0.13 U	0.058 U	0.12 UJ	0.14 U
Aroclor-1232	mg/kg	0.18 U	0.13 U	0.058 U	0.12 UJ	0.14 U
Aroclor-1242	mg/kg	1.0	1.1	0.058 U	1.1 J	1.1
Aroclor-1248	mg/kg	0.39	0.13 U	0.058 U	0.12 UJ	0.37
Aroclor-1254	mg/kg	0.51	0.89	0.058 U	0.50 J	0.53
Aroclor-1260	mg/kg	0.16 J	0.13	0.058 U	0.26 J	0.15
Total PCBs	mg/kg	2.1	2.1	0.058 U	1.9 J	2.2
Miscellaneous						
Percent Solids	%	27.6	38.9	85.2	42.8	34.8
TOC						
Total Organic Carbon	mg/kg	129,000	111,000	4,150 J	100,000	122,000
Grain Size Analysis						
Gravel	%	4.7	26.3	52	8.4	12
Coarse Sand	%	4.8	3.1	8.5	3.5	1.8
Medium Sand	%	4.7	4.3	16	5.8	5.1
Fine Sand	%	41.8	11.9	16.6	61.7	52.6
Silt	%	37.1	47.7	6.4	15.9	25.7
Clay	%	7	6.8	0.5	4.6	2.8
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)
Sieve, 3/4 inch	% passing	100 (19000)	84.8 (19000)	75.2 (19000)	100 (19000)	100 (19000)
Sieve, 3/8 inch	% passing	100 (9500)	83.3 (9500)	60.4 (9500)	100 (9500)	96.1 (9500)
Sieve, #4	% passing	95.3 (4750)	73.7 (4750)	48 (4750)	91.6 (4750)	88 (4750)
Sieve, #10	% passing	90.5 (2000)	70.7 (2000)	39.4 (2000)	88.1 (2000)	86.2 (2000)
Sieve, #20	% passing	88.6 (850)	68.7 (850)	33.4 (850)	86.9 (850)	84.7 (850)
Sieve, #40	% passing	85.8 (425)	66.4 (425)	23.5 (425)	82.3 (425)	81.1 (425)
Sieve, #60	% passing	81.3 (250)	63.9 (250)	17.5 (250)	76.4 (250)	76.4 (250)
Sieve, #80	% passing	74.8 (180)	61.2 (180)	11.8 (180)	65.5 (180)	65.6 (180)
Sieve, #100	% passing	68.4 (150)	59.4 (150)	10.1 (150)	59.7 (150)	60.4 (150)
Sieve, #200	% passing	44.1 (75)	54.5 (75)	6.9 (75)	20.5 (75)	28.5 (75)
Hydrometer Reading 1	% passing	16.3 (36)	15.5 (35)	2 (37)	10.7 (37)	8.4 (37)
Hydrometer Reading 2	% passing	14 (23)	12.6 (22)	1.5 (23)	8.5 (24)	8.4 (24)
Hydrometer Reading 3	% passing	11.6 (13.4)	10.7 (13)	1.5 (13.6)	6.8 (13.6)	8.4 (13.6)
Hydrometer Reading 4	% passing	9.3 (9.5)	8.7 (9.1)	1 (9.6)	6.4 (9.6)	5.6 (9.9)
Hydrometer Reading 5	% passing	7 (6.6)	6.8 (6.8)	0.5 (6.9)	4.6 (6.9)	2.8 (7)
Hydrometer Reading 6	% passing	2.3 (3.4)	2.9 (3.4)	0.5 (3.3)	2.1 (3.3)	0 (3.4)
Hydrometer Reading 7	% passing	0 (1.4)	1 (1.4)	0 (1.4)	0 (1.4)	0 (1.4)

See Notes on Page 5.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

**Table K — PCB Results for Focused Step Out Samples Collected near FF-35 - Data Received
in August 2009**

Sample Name:		K56360 [K56361]	K56362	K56363	K56364	K56365
Sample Depth(in):		6 - 15	0 - 2	2 - 6	6 - 12	12 - 17
Date Collected:		07/09/09	07/09/09	07/09/09	07/09/09	07/09/09
Location ID:	Units	FF-35-20S	FF-35	FF-35	FF-35	FF-35
PCB Aroclors						
Aroclor-1016	mg/kg	0.068 U [0.061 U]	0.20 UJ	0.17 UJ	1.6 UJ	0.16 UJ
Aroclor-1221	mg/kg	0.068 U [0.061 U]	0.20 UJ	0.17 UJ	1.6 UJ	0.16 UJ
Aroclor-1232	mg/kg	0.068 U [0.061 U]	0.20 UJ	0.17 UJ	1.6 UJ	0.16 UJ
Aroclor-1242	mg/kg	0.43 J [0.19 J]	0.77 J	2.2 J	12 J	0.69 J
Aroclor-1248	mg/kg	0.087 [0.061 U]	0.93 J	0.56 J	1.6 UJ	0.35 J
Aroclor-1254	mg/kg	0.26 J [0.11]	0.69 J	1.0 J	6.0 J	0.39 J
Aroclor-1260	mg/kg	0.060 J [0.061 U]	0.19 J	0.27 J	1.6 UJ	0.11 J
Total PCBs	mg/kg	0.84 J [0.30]	2.6 J	4.0 J	18 J	1.5 J
Miscellaneous						
Percent Solids	%	75.8 [77.6]	25.4	28.6	29.5	30.6
TOC						
Total Organic Carbon	mg/kg	22,300 J [21,400]	165,000	166,000 J	123,000	114,000
Grain Size Analysis						
Gravel	%	57.4	12.3	2.5	0	7.2
Coarse Sand	%	6.9	3.1	2	0.6	2
Medium Sand	%	15.8	5.7	6.5	1.8	10.2
Fine Sand	%	10.1	41.1	40.9	23.6	16.4
Silt	%	9	35.8	39.5	53.2	47.5
Clay	%	0.9	1.9	8.6	20.7	16.6
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)
Sieve, 3/4 inch	% passing	81.1 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)
Sieve, 3/8 inch	% passing	53.2 (9500)	97.3 (9500)	100 (9500)	100 (9500)	98.2 (9500)
Sieve, #4	% passing	42.6 (4750)	87.7 (4750)	97.5 (4750)	100 (4750)	92.8 (4750)
Sieve, #10	% passing	35.7 (2000)	84.5 (2000)	95.5 (2000)	99.4 (2000)	90.8 (2000)
Sieve, #20	% passing	27.3 (850)	83.1 (850)	92.8 (850)	99.2 (850)	85.7 (850)
Sieve, #40	% passing	19.9 (425)	78.8 (425)	89 (425)	97.5 (425)	80.6 (425)
Sieve, #60	% passing	16 (250)	73.1 (250)	84.4 (250)	94.9 (250)	77.6 (250)
Sieve, #80	% passing	13.1 (180)	63.9 (180)	75.8 (180)	89.6 (180)	73.6 (180)
Sieve, #100	% passing	12.3 (150)	59.8 (150)	71.8 (150)	87.5 (150)	72.2 (150)
Sieve, #200	% passing	9.8 (75)	37.7 (75)	48.1 (75)	73.9 (75)	64.1 (75)
Hydrometer Reading 1	% passing	3.9 (36)	6.5 (37)	26.2 (36)	50 (34)	35.5 (35)
Hydrometer Reading 2	% passing	3.1 (23)	4.9 (24)	20.4 (23)	41 (22)	32.8 (23)
Hydrometer Reading 3	% passing	2.6 (13.4)	4.9 (13.6)	14.7 (13.4)	34.2 (12.8)	27.4 (13.1)
Hydrometer Reading 4	% passing	1.8 (9.5)	3.2 (9.9)	11.4 (9.4)	27.5 (9)	22 (9.2)
Hydrometer Reading 5	% passing	0.9 (6.7)	1.9 (6.7)	8.6 (6.8)	20.7 (6.7)	16.6 (6.7)
Hydrometer Reading 6	% passing	0.4 (3.4)	0 (3.4)	3.3 (3.4)	11.7 (3.4)	10.8 (3.2)
Hydrometer Reading 7	% passing	0 (1.4)	0 (1.4)	0 (1.4)	4.5 (1.4)	2.7 (1.4)

See Notes on Page 5.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

**Table K — PCB Results for Focused Step Out Samples Collected near FF-35 - Data Received
in August 2009**

Sample Name:		K56366	K56367	K56368	K56369	K56370	K56371
Sample Depth(in):		0 - 2	2 - 6	6 - 12	12 - 16	0 - 2	2 - 6
Date Collected:		07/09/09	07/09/09	07/09/09	07/09/09	07/09/09	07/09/09
Location ID:	Units	FF-35-10E	FF-35-10E	FF-35-10E	FF-35-10E	FF-35-10N	FF-35-10N
PCB Aroclors							
Aroclor-1016	mg/kg	0.31 UJ	0.21 U	0.087 U	0.071 U	0.16 U	0.80 U
Aroclor-1221	mg/kg	0.31 UJ	0.21 U	0.087 U	0.071 U	0.16 U	0.80 U
Aroclor-1232	mg/kg	0.31 UJ	0.21 U	0.087 U	0.071 U	0.16 U	0.80 U
Aroclor-1242	mg/kg	0.82 J	0.65	0.43	0.071 U	1.1	13
Aroclor-1248	mg/kg	0.31 UJ	1.6	0.16	0.063 J	0.62	0.80 U
Aroclor-1254	mg/kg	3.4 J	0.63	0.27	0.071 U	0.89	2.3
Aroclor-1260	mg/kg	0.45 J	0.18 J	0.073 J	0.071 U	0.18	0.80 U
Total PCBs	mg/kg	4.7 J	3.1	0.93	0.063	2.8	15
Miscellaneous							
Percent Solids	%	31.8	48.3	60.3	64.4	33.3	34.1
TOC							
Total Organic Carbon	mg/kg	126,000	60,700	39,900	22,800	121,000	110,000
Grain Size Analysis							
Gravel	%	0.5	7.5	3.8	26.4	4.9	0.9
Coarse Sand	%	0.7	2.1	1.4	1.9	2.1	0.2
Medium Sand	%	5.1	7	6.7	10.6	6.6	4.1
Fine Sand	%	49.1	63.1	66.7	46.4	55.3	30.2
Silt	%	38.9	18.3	16.5	10.3	22	48
Clay	%	5.9	2	4.9	4.4	9.2	16.5
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)	100 (25000)
Sieve, 3/4 inch	% passing	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)	100 (19000)
Sieve, 3/8 inch	% passing	100 (9500)	98.1 (9500)	100 (9500)	75.7 (9500)	98.2 (9500)	100 (9500)
Sieve, #4	% passing	99.5 (4750)	92.5 (4750)	96.2 (4750)	73.6 (4750)	95.1 (4750)	99.1 (4750)
Sieve, #10	% passing	98.8 (2000)	90.4 (2000)	94.8 (2000)	71.7 (2000)	93 (2000)	98.9 (2000)
Sieve, #20	% passing	98.1 (850)	89.1 (850)	93.7 (850)	66.7 (850)	90.2 (850)	96.1 (850)
Sieve, #40	% passing	93.8 (425)	83.4 (425)	88.1 (425)	61.1 (425)	86.5 (425)	94.7 (425)
Sieve, #60	% passing	84.7 (250)	63.7 (250)	65.2 (250)	39.7 (250)	73.5 (250)	91.2 (250)
Sieve, #80	% passing	73.7 (180)	43 (180)	41.7 (180)	25 (180)	62.9 (180)	86.8 (180)
Sieve, #100	% passing	69.7 (150)	37.3 (150)	35.3 (150)	20 (150)	54.5 (150)	82.5 (150)
Sieve, #200	% passing	44.7 (75)	20.3 (75)	21.4 (75)	14.7 (75)	31.2 (75)	64.5 (75)
Hydrometer Reading 1	% passing	19.8 (36)	12.4 (36)	10.8 (36)	9.4 (35)	23.3 (35)	43.1 (34)
Hydrometer Reading 2	% passing	12 (23)	8.9 (23)	9.6 (23)	8.1 (22)	18 (23)	33 (22)
Hydrometer Reading 3	% passing	10.1 (13.4)	7.2 (13.5)	8.5 (13.3)	6.9 (12.9)	16.5 (13.1)	26.9 (12.8)
Hydrometer Reading 4	% passing	8.1 (9.2)	5.5 (9.6)	6.1 (9.3)	5.7 (9.2)	13 (9.3)	22.9 (9.3)
Hydrometer Reading 5	% passing	5.9 (6.8)	2 (6.7)	4.9 (6.9)	4.4 (6.7)	9.2 (6.8)	16.5 (6.7)
Hydrometer Reading 6	% passing	5.9 (3.3)	0 (3.4)	2.6 (3.4)	2.6 (3.3)	5.6 (3.3)	10.4 (3.3)
Hydrometer Reading 7	% passing	0 (1.4)	0 (1.4)	1.2 (1.4)	0.7 (1.4)	2.1 (1.4)	4.7 (1.4)

See Notes on Page 5.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table K — PCB Results for Focused Step Out Samples Collected near FF-35 - Data Received in August 2009

Sample Name:		K56372 6 - 14 07/09/09 FF-35-10N	K56373 0 - 2 07/09/09 FF-35-20N	K56374 2 - 6 07/09/09 FF-35-20N	K56375 6 - 8 07/09/09 FF-35-20N	K56376 8 - 13 07/09/09 FF-35-20N
PCB Aroclors						
Aroclor-1016	mg/kg	0.30 U	0.29 UJ	1.3 UJ	0.34 UJ	0.032 UJ
Aroclor-1221	mg/kg	0.30 U	0.29 UJ	1.3 UJ	0.34 UJ	0.032 UJ
Aroclor-1232	mg/kg	0.30 U	0.29 UJ	1.3 UJ	0.34 UJ	0.032 UJ
Aroclor-1242	mg/kg	1.3	1.3 J	16 J	2.5 J	0.093 J
Aroclor-1248	mg/kg	0.33	1.9 J	1.3 UJ	0.34 UJ	0.19 J
Aroclor-1254	mg/kg	0.74	1.0 J	4.3 J	0.81 J	0.032 UJ
Aroclor-1260	mg/kg	0.30 U	0.21 J	0.87 J	0.20 J	0.017 J
Total PCBs	mg/kg	2.4	4.4 J	21 J	3.5 J	0.30 J
Miscellaneous						
Percent Solids	%	51.7	27.1	37.9	43	77.6
TOC						
Total Organic Carbon	mg/kg	69,300	160,000	113,000	107,000	28,400 J
Grain Size Analysis						
Gravel	%	18.2	0	0.5	0.6	43.3
Coarse Sand	%	14.2	1.5	0.9	3.2	17.1
Medium Sand	%	16.5	5.4	5.5	11.9	19.5
Fine Sand	%	23.3	62.4	50.9	43.7	9.4
Silt	%	18.2	26	30.6	27.9	8.8
Clay	%	9.4	4.6	11.7	12.7	1.8
Sieve, 3 inch	% passing	100 (75000)	100 (75000)	100 (75000)	100 (75000)	100 (75000)
Sieve, 2 inch	% passing	100 (50000)	100 (50000)	100 (50000)	100 (50000)	100 (50000)
Sieve, 1.5 inch	% passing	100 (37500)	100 (37500)	100 (37500)	100 (37500)	100 (37500)
Sieve, 1 inch	% passing	100 (25000)	100 (25000)	100 (25000)	100 (25000)	84.9 (25000)
Sieve, 3/4 inch	% passing	100 (19000)	100 (19000)	100 (19000)	100 (19000)	84.9 (19000)
Sieve, 3/8 inch	% passing	97.4 (9500)	100 (9500)	100 (9500)	100 (9500)	69.7 (9500)
Sieve, #4	% passing	81.8 (4750)	100 (4750)	99.5 (4750)	99.4 (4750)	56.7 (4750)
Sieve, #10	% passing	67.6 (2000)	98.5 (2000)	98.7 (2000)	96.2 (2000)	39.5 (2000)
Sieve, #20	% passing	58.4 (850)	96 (850)	96.1 (850)	92.6 (850)	27.9 (850)
Sieve, #40	% passing	51 (425)	93.1 (425)	93.2 (425)	84.3 (425)	20 (425)
Sieve, #60	% passing	43.2 (250)	85.1 (250)	87.3 (250)	72.3 (250)	15.5 (250)
Sieve, #80	% passing	38.9 (180)	76.2 (180)	80.6 (180)	64 (180)	14.1 (180)
Sieve, #100	% passing	35.9 (150)	67.6 (150)	73.9 (150)	58.2 (150)	13.3 (150)
Sieve, #200	% passing	27.7 (75)	30.6 (75)	42.3 (75)	40.6 (75)	10.6 (75)
Hydrometer Reading 1	% passing	21.2 (34)	10.6 (36)	22.8 (35)	25.5 (35)	5.6 (35)
Hydrometer Reading 2	% passing	17.7 (22)	7.7 (23)	19.6 (22)	23.1 (23)	3.9 (23)
Hydrometer Reading 3	% passing	15.4 (12.8)	6.3 (13.4)	16.4 (13)	18.9 (13.1)	2.8 (13.2)
Hydrometer Reading 4	% passing	13.1 (9.3)	6.3 (9.3)	14.8 (9.1)	14.8 (9.2)	2.2 (9.1)
Hydrometer Reading 5	% passing	9.4 (6.4)	4.6 (6.7)	11.7 (6.6)	12.7 (6.7)	1.8 (6.7)
Hydrometer Reading 6	% passing	6 (3.3)	3.4 (3.4)	8.5 (3.4)	6.5 (3.2)	1.1 (3.2)
Hydrometer Reading 7	% passing	2.7 (1.4)	0.5 (1.4)	3.7 (1.4)	2.4 (1.4)	0.4 (1.4)

Notes:

- J - The compound was positively identified; however, the associated numerical value is an estimated concentration only.
- U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
- UJ - The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
- Samples analyzed by TestAmerica Laboratories, Inc.
- Duplicate results are in brackets.

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Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table L — PCB Results for Sediment Samples Collected in Lake Allegan - Data Received in August 2009

Sample Name:		K16845	K16846	K16847	K16848	K16849	K16850	K16851	K16852
Sample Depth(cm):		0 - 1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 6	6 - 7	7 - 8
Date Collected:		05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09
Location ID:	Units	ALG-10							
PCB Aroclors									
Aroclor-1016	mg/kg	0.19 U	0.16 U	0.16 U	0.16 U	0.15 U	0.28 U	0.15 U	0.30 U
Aroclor-1221	mg/kg	0.19 U	0.16 U	0.16 U	0.16 U	0.15 U	0.28 U	0.15 U	0.30 U
Aroclor-1232	mg/kg	0.19 U	0.16 U	0.16 U	0.16 U	0.15 U	0.28 U	0.15 U	0.30 U
Aroclor-1242	mg/kg	1.7	1.9	1.7	1.8	2.1	1.8	2.2	3.7
Aroclor-1248	mg/kg	0.19 U	0.16 U	0.16 U	0.16 U	0.15 U	0.28 U	0.15 U	0.30 U
Aroclor-1254	mg/kg	0.32	0.57	0.57	0.43	0.44	0.30	0.19	0.78
Aroclor-1260	mg/kg	0.10 J	0.16 U	0.16 U	0.16 U	0.14 J	0.28 U	0.12 J	0.30 U
Total PCBs	mg/kg	2.1 J	2.5	2.3	2.2	2.7 J	2.1	2.5 J	4.5
Miscellaneous									
Percent Solids	%	26.5	29	31.3	32.8	33.9	35.8	34.8	33.6
Sample Name:		K16853	K16854	K16855	K16856	K16857	K16858	K16859	K16860
Sample Depth(cm):		8 - 9	9 - 10	10 - 12	12 - 14	14 - 16	16 - 18	18 - 20	20 - 25
Date Collected:		05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09
Location ID:	Units	ALG-10							
PCB Aroclors									
Aroclor-1016	mg/kg	0.58 U	0.49 U	0.26 U	0.37 UJ	0.77 UJ	0.99 UJ	1.0 U	2.1 U
Aroclor-1221	mg/kg	0.58 U	0.49 U	0.26 U	0.37 UJ	0.77 UJ	0.99 UJ	1.0 U	2.1 U
Aroclor-1232	mg/kg	0.58 U	0.49 U	0.26 U	0.37 UJ	0.77 UJ	0.99 UJ	1.0 U	2.1 U
Aroclor-1242	mg/kg	3.3	4.7	2.9	4.4 J	6.4 J	7.4 J	14	10
Aroclor-1248	mg/kg	1.9	0.53	1.3	0.51 J	0.90 J	1.2 J	1.0 U	2.6
Aroclor-1254	mg/kg	0.75 J	0.61 J	0.60	0.65 J	0.82 J	0.95 J	1.4 J	2.1 U
Aroclor-1260	mg/kg	0.58 U	0.30 J	0.24 J	0.26 J	0.77 UJ	0.99 UJ	1.0 U	2.1 U
Total PCBs	mg/kg	6.0	6.1 J	5.0 J	5.8 J	8.1 J	9.6 J	15	13
Miscellaneous									
Percent Solids	%	34.6	32.2	29.8	25.7	27.1	25.6	26.4	24.6

See Notes on Page 3.

Kalamazoo River Study Group
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Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table L — PCB Results for Sediment Samples Collected in Lake Allegan - Data Received in August 2009

Sample Name:		K16861	K16862	K16863 [K16864]	K16865	K16866	K16867	K16868 [K16869]	K16870
Sample Depth(cm):		25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65
Date Collected:		05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09	05/13/09
Location ID:	Units	ALG-10	ALG-10	ALG-10	ALG-10	ALG-10	ALG-10	ALG-10	ALG-10
PCB Aroclors									
Aroclor-1016	mg/kg	2.0 U	0.77 U	0.79 U [0.82 U]	0.83 UJ	1.6 U	1.8 U	1.8 U [1.8 U]	1.8 U
Aroclor-1221	mg/kg	2.0 U	0.77 U	0.79 U [0.82 U]	0.83 UJ	1.6 U	1.8 U	1.8 U [1.8 U]	1.8 U
Aroclor-1232	mg/kg	2.0 U	0.77 U	0.79 U [0.82 U]	0.83 UJ	1.6 U	1.8 U	1.8 U [1.8 U]	1.8 U
Aroclor-1242	mg/kg	15	9.5	11 [12]	11 J	14	21	21 [21]	24
Aroclor-1248	mg/kg	2.0 U	0.77 U	0.79 U [0.82 U]	0.83 UJ	1.6 U	1.8 U	1.8 U [1.8 U]	1.8 U
Aroclor-1254	mg/kg	2.9 J	0.95	2.0 [2.2]	2.0 J	2.3	3.1	3.1 [3.1]	3.7
Aroclor-1260	mg/kg	2.0 U	0.77 U	0.79 U [0.82 U]	0.83 UJ	1.6 U	1.8 U	1.8 U [1.8 U]	1.8 U
Total PCBs	mg/kg	18	11	13 [14]	13 J	16	24	24 [24]	28
Miscellaneous									
Percent Solids	%	25.4	31.1	30.2 [29.4]	29.5	29.5	28.9	27.4 [27.7]	28.1

Sample Name:		K16871	K16908	K16909	K16910	K16911	K16912	K16913 [K16914]	K16915
Sample Depth(cm):		65 - 70	0 - 1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 6	6 - 7
Date Collected:		05/13/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09
Location ID:	Units	ALG-10	ALG-8	ALG-8	ALG-8	ALG-8	ALG-8	ALG-8	ALG-8
PCB Aroclors									
Aroclor-1016	mg/kg	1.8 U	0.23 U	0.23 U	0.20 U	0.21 U	0.20 U	0.18 U [0.19 U]	0.18 U
Aroclor-1221	mg/kg	1.8 U	0.23 U	0.23 U	0.20 U	0.21 U	0.20 U	0.18 U [0.19 U]	0.18 U
Aroclor-1232	mg/kg	1.8 U	0.23 U	0.23 U	0.20 U	0.21 U	0.20 U	0.18 U [0.19 U]	0.18 U
Aroclor-1242	mg/kg	23	1.4	1.4	1.7	1.6	1.8	2.0 [2.1]	2.2
Aroclor-1248	mg/kg	1.8 U	0.23 U	0.23 U	0.20 U	0.21 U	0.20 U	0.18 U [0.19 U]	0.18 U
Aroclor-1254	mg/kg	3.6	0.25	0.24	0.25	0.22	0.26	0.26 [0.29]	0.29
Aroclor-1260	mg/kg	1.8 U	0.23 U	0.23 U	0.12 J	0.11 J	0.12 J	0.12 J [0.13 J]	0.14 J
Total PCBs	mg/kg	27	1.7	1.6	2.1	1.9	2.2	2.4 [2.5]	2.6
Miscellaneous									
Percent Solids	%	27.6	22.6	22.9	25.3	25.4	25.5	28.5 [28.1]	28.7

See Notes on Page 3.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #32, October 2009

Table L — PCB Results for Sediment Samples Collected in Lake Allegan - Data Received in August 2009

Sample Name:		K16916	K16917	K16918	K16919	K16920 [K16921]	K16922	K16923	K16924
Sample Depth(cm):		7 - 8	8 - 9	9 - 10	10 - 12	12 - 14	14 - 16	16 - 18	18 - 20
Date Collected:		05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09
Location ID:	Units	ALG-8	ALG-8	ALG-8	ALG-8	ALG-8	ALG-8	ALG-8	ALG-8
PCB Aroclors									
Aroclor-1016	mg/kg	0.15 U	0.089 UJ	0.15 U	0.16 U	0.17 U [0.32 U]	0.16 U	0.31 U	0.30 U
Aroclor-1221	mg/kg	0.15 U	0.089 UJ	0.15 U	0.16 U	0.17 U [0.32 U]	0.16 U	0.31 U	0.30 U
Aroclor-1232	mg/kg	0.15 U	0.089 UJ	0.15 U	0.16 U	0.17 U [0.32 U]	0.16 U	0.31 U	0.30 U
Aroclor-1242	mg/kg	1.4	1.0 J	1.5	2.3	2.2 [1.5]	2.5	3.0	2.7
Aroclor-1248	mg/kg	0.15 U	0.089 UJ	0.15 U	0.16 U	0.17 U [0.32 U]	0.16 U	0.31 U	0.30 U
Aroclor-1254	mg/kg	0.19	0.16 J	0.21	0.31	0.29 [0.66]	0.29	0.36	0.31
Aroclor-1260	mg/kg	0.082 J	0.057 J	0.12 J	0.14 J	0.13 J [0.32 U]	0.14 J	0.18 J	0.16 J
Total PCBs	mg/kg	1.7	1.2 J	1.8	2.8	2.6 [2.2]	2.9	3.5	3.2
Miscellaneous									
Percent Solids	%	30.6	28.4	32.7	29.5	30.4 [31.8]	31.2	32.1	32.5

Sample Name:		K16925	K16926	K16927	K16928	K16929	K16930	K16931	K16932
Sample Depth(cm):		20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60
Date Collected:		05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09	05/14/09
Location ID:	Units	ALG-8							
PCB Aroclors									
Aroclor-1016	mg/kg	0.29 U	0.61 U	3.1 U	5.5 U	1.5 U	0.15 U	0.13 U	0.13 U
Aroclor-1221	mg/kg	0.29 U	0.61 U	3.1 U	5.5 U	1.5 U	0.15 U	0.13 U	0.13 U
Aroclor-1232	mg/kg	0.29 U	0.61 U	3.1 U	5.5 U	1.5 U	0.15 U	0.13 U	0.13 U
Aroclor-1242	mg/kg	3.5	6.3	26	67	19	1.4	0.13 U	0.13 U
Aroclor-1248	mg/kg	0.29 U	0.61 U	3.1 U	5.5 U	1.5 U	0.37	0.069 J	0.13 U
Aroclor-1254	mg/kg	0.65	1.5	2.9 J	4.3 J	5.1	1.3	0.13 U	0.13 U
Aroclor-1260	mg/kg	0.29 U	0.61 U	3.1 U	5.5 U	1.5 U	0.20	0.17	0.064 J
Total PCBs	mg/kg	4.2	7.8	29 J	71 J	24	3.3	0.24 J	0.064 J
Miscellaneous									
Percent Solids	%	33.2	30.1	28.8	28.5	31.8	34.9	36	38.2

Notes:

J - The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

UJ - The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

Samples analyzed by TestAmerica Laboratories, Inc.

Duplicate results are in brackets.